

2003 P09496

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(19)



JAPANESE PATENT OFFICE

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PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2003051573 A

(43) Date of publication of application: 21.02.03

(51) Int. Cl

H01L 23/373

H01L 25/07

H01L 25/18

(21) Application number: 2002153027

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(22) Date of filing: 27.05.02

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(30) Priority: 31.05.01 JP 2001165048

(54) POWER MODULE AND ITS MANUFACTURING METHOD

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(57) Abstract:

PROBLEM TO BE SOLVED: To provide a power module in which a heat generated by an electronic component is uniformly and efficiently radiated and which can be mounted in high density, and to provide a method for manufacturing the same.

SOLUTION: The power module comprises a circuit board (103) in which a heating component (101) is electrically connected and which is connected to a heat sink (105) via a heat conductive electric insulating member (104). In this module, the insulating member (104) is a curable composition containing a thermosetting resin (A), a thermoplastic resin (B), a latent curing agent (C), and an inorganic filler (D). The insulating member is adhered to the heating component in a state in which the member is complementarily deformed to unevennesses of a shape of the heating component and a component height. A heat generated by the component (101) is radiated by the heat sink (105).

